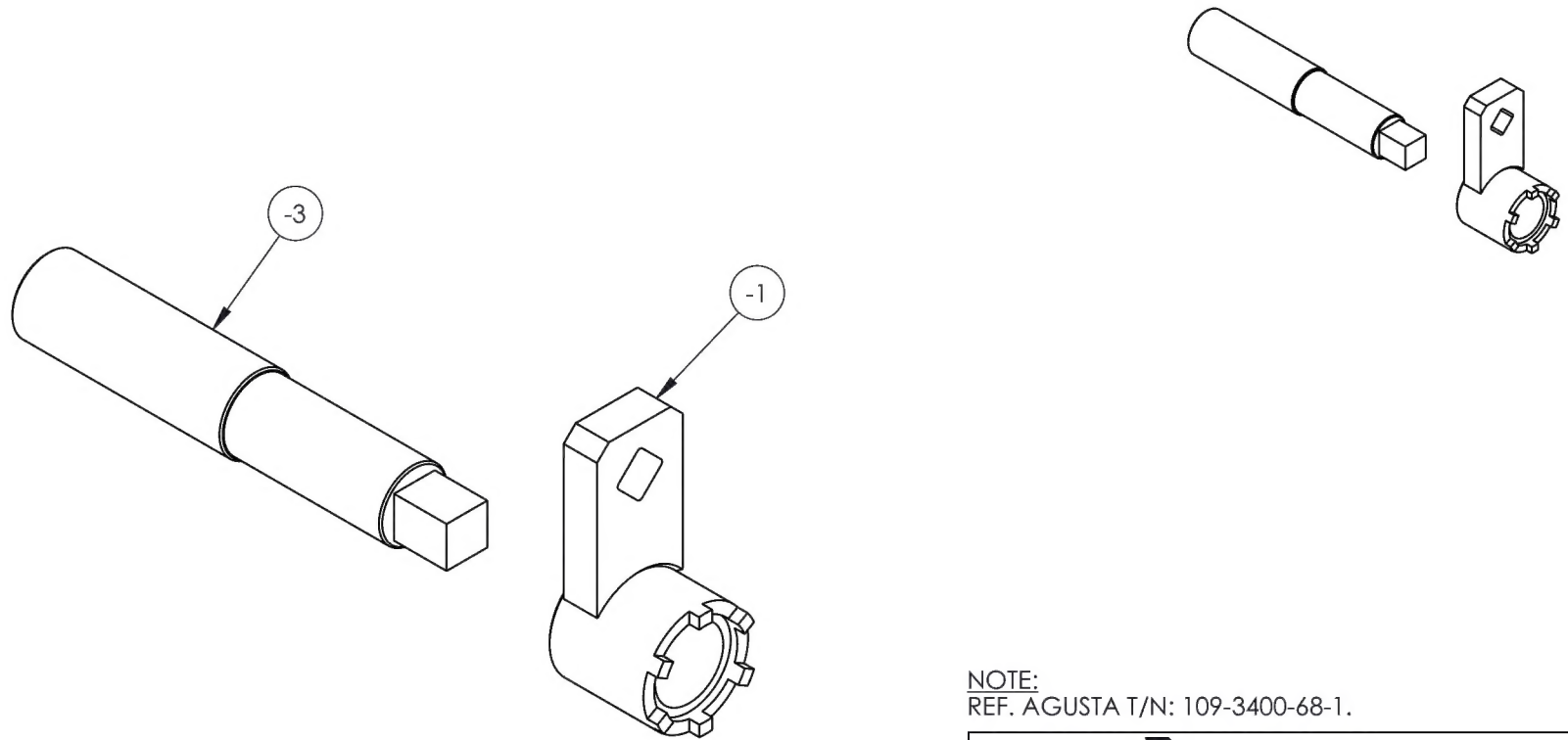


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-1 DELETED Ø.12 HOLES, DELETED DIMS .29 & .29, ADDED DIMS 2.10 & .670 MIN. CH'D MATERIAL WAS 4140 Q&T IS 4140.	5-9/2014	DPD	GE
2	16-0032	-1 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE. CH'D TO TWO PIECE DESIGN, ADDED -5 & -7. -3 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE. -5 & -7 ADDED PART & CH'D TOOL DESIGN TO TWO PIECE.	2/11/2016	RJC	JAG



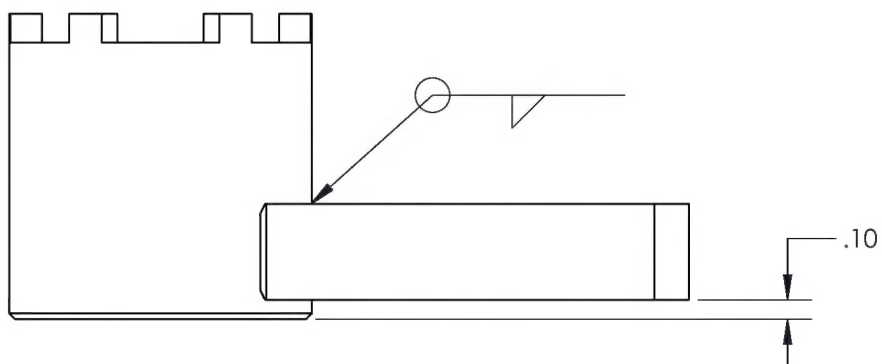
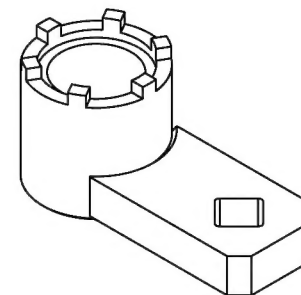
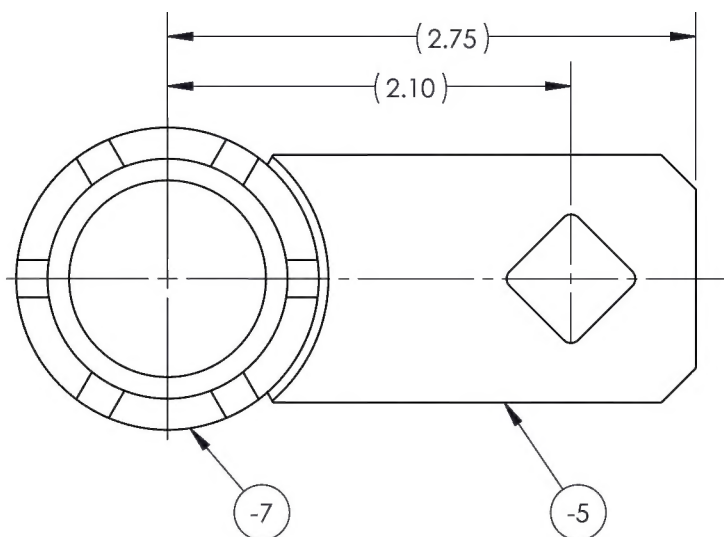
NOTE:  
REF. AGUSTA T/N: 109-3400-68-1.

<b>DART AEROSPACE</b>	
TITLE TOOL ASSY, FREEWHEEL NUT REM/INSTL	
DWG NO. RBW109-3400-68-1	REV 2
MAT'L REAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MARPET CHECKED: OPPTS APPR: QA APPR: APPROVED: D Weil	
USED ON MODEL AW109, AW119	
SCALE 1:2	DATE 6/14/2013
SHEET 1 OF 5	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WRENCH			2
			-3	1	WRENCH, REMOVING	4140/4142 Q & T		3
	1		-5		HANDLE	4140/4142		4
	1		-7		SOCKET	4140/4142		5
	ASSY -1							

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-1 DELETED Ø.12 HOLES, DELETED DIMS .29 & .29, ADDED DIMS 2.10 & .670 MIN. CH'D MATERIAL WAS 4140 Q&T IS 4140.	5/9/2014	DPD	GE
2	16-0032	-1 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE. CH'D TO TWO PIECE DESIGN, ADDED -5 & -7.	2/11/2016	RJC	JAG

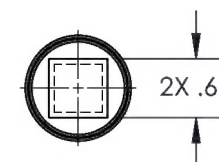
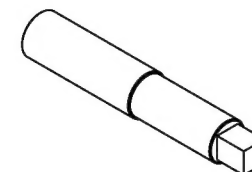
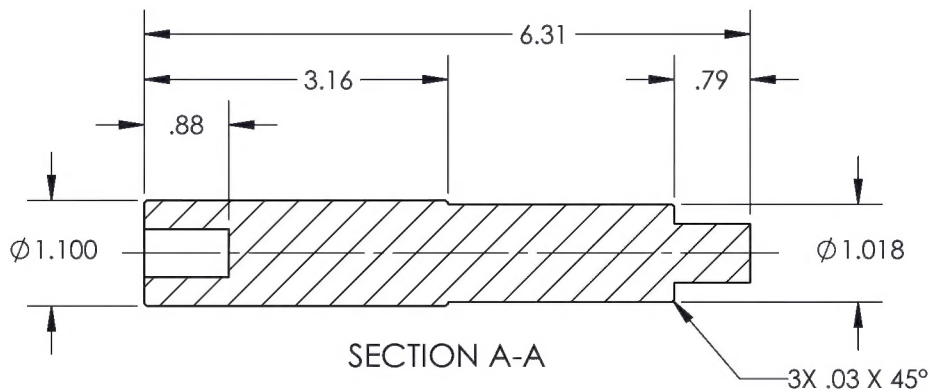
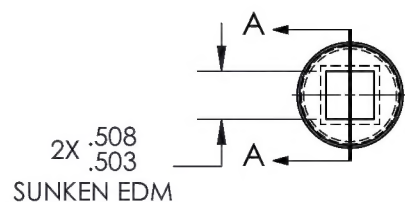


(-1)  
WRENCH

<b>DART AEROSPACE</b>	
TITLE TOOL ASSY, FREEWHEEL NUT REM/INSTL	
DWG NO. RBW109-3400-68-1-1	REV 2
MAT'L RC 38-42 TREAT ZINC PLATE FINISH SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MARPET	USED ON MODEL
CHECKED: DUERFELDT	AW109, AW119
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 6/14/2013
SHEET 2 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0032	-3 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE.	2/11/2016	RJC	JAG



(3)

WRENCH, REMOVING

<b>DART AEROSPACE</b>	
TITLE TOOL ASSY, FREEWHEEL NUT REM/INSTL	
DWG NO. RBW109-3400-68-1-3	REV 2
MAT'L 4140/4142 Q & T	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: MARPET	.X ± .1 SURFACES = 125°
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED: D Weil	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/14/2013	USED ON MODEL
SHEET 3 OF 5	AW109, AW119

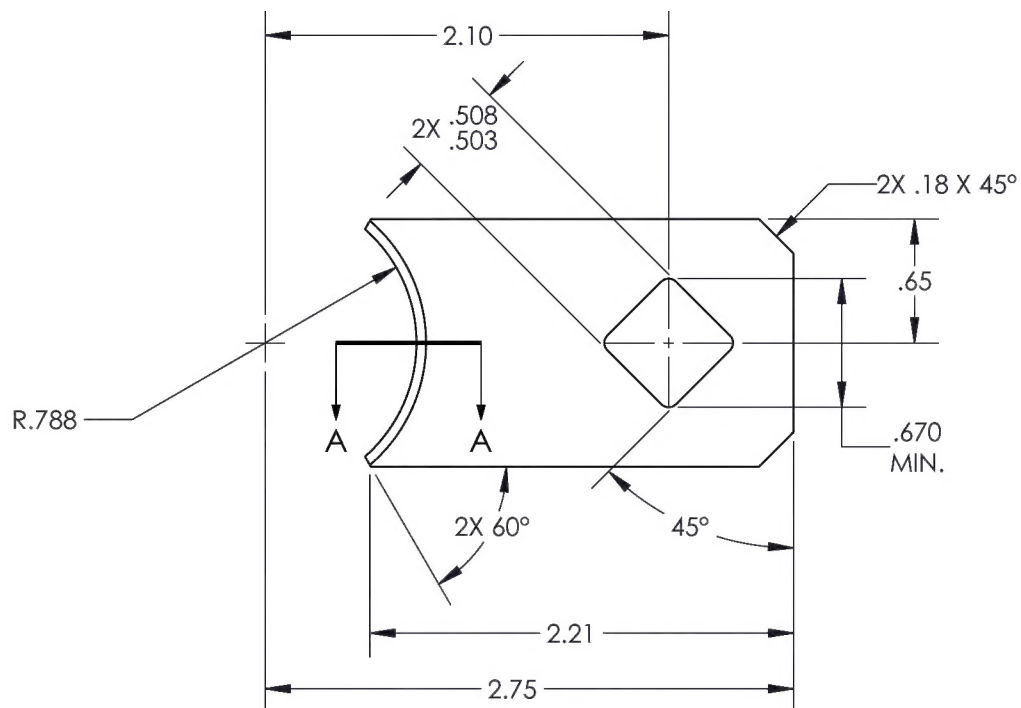
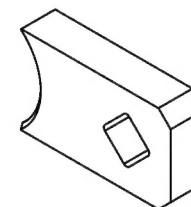
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0032	-5 ADDED PART CH'D TOOL DESIGN TO TWO PIECE.	3/2/2016	RJC	JAG

2X .05 X 45°



SECTION A-A  
SCALE 1 : 1



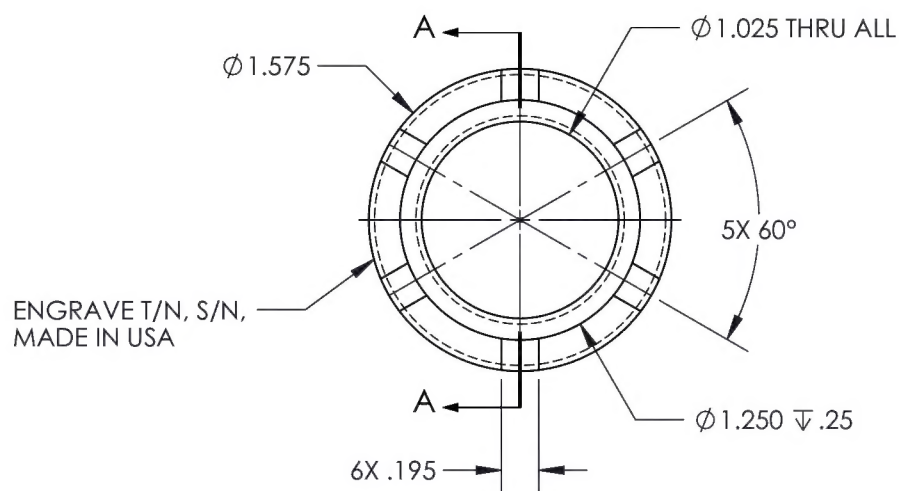
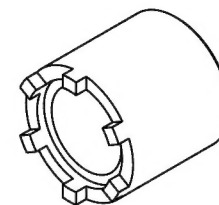
(-5)

HANDLE

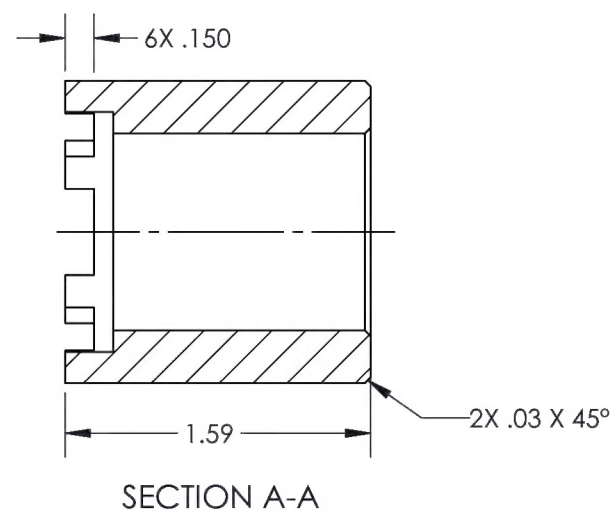
<b>DART AEROSPACE</b>	
TITLE TOOL ASSY, FREEWHEEL NUT REM/INSL	
DWG NO. RBW109-3400-68-1-5	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT SEE -1	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:2	DATE 6/14/2013
	SHEET 4 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0032	-7 ADDED PART CH'D TOOL DESIGN TO TWO PIECE.	2/11/2016	RJC	JAG



ENGRAVE T/N, S/N,  
MADE IN USA



(-7)  
SOCKET

<b>DART</b> AEROSPACE	
TITLE TOOL ASSY, FREEWHEEL NUT REM/INSL	
DWG NO. RBW109-3400-68-1-7	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT SEE -1	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC	.XX $\pm$ .01 ANGLES $\pm$ .5°
	.X $\pm$ .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 6/14/2013
	SHEET 5 OF 5